

## **CERAMIC REINFORCEMENT MEMBERS**

### **FOR MRI DEVICES**

#### ABSTRACT OF THE DISCLOSURE

5       The present invention relates to a  
reinforced magnetic resonance imaging catheter. The  
catheter comprises an elongated body having at least  
one lumen extending therethrough. The elongated body  
also includes a proximal end, a distal end, and  
circumference, a longitudinal axis running between  
10   the proximal and distal ends, and a coaxial layer  
that incorporates at least one elongated ceramic  
member. An antenna is operably disposed proximate  
the distal end the elongated body.

15